

Amendments to the Claims

Please amend the claims in the manner indicated.

Claim 1-12 (Cancelled)

7. (Currently amended) A digital radio system for receiving a plurality of signals including a pilot signal, comprising:

a digital wireless rake receiver [having a plurality of finger signals;] comprising:

[means for calculating] a demodulator to calculate the pilot signal during an integration window [as] with a duration which is a function of Doppler period; wherein the Doppler period is inverse of Doppler frequency.

8. (Original) The digital radio system as recited in claim 7 wherein a symmetric integration window is approximately 13% of the Doppler period.

9. (Original) The digital radio system as recited in claim 7 wherein an asymmetric integration window is approximately 3% of the Doppler period.

10. (Original) The digital radio system as recited in claim 7 wherein the pilot integration window is a function of Rician parameter.

11. (Original) The digital radio system as recited in claim 7 wherein the pilot integration window is a function of interference level.

12. (Currently amended) The digital radio system as recited in claim 7 wherein a corresponding pilot integration window is calculated separately for each of [the plurality] a plurality of fingers.

Claims 13-18 (Cancelled)